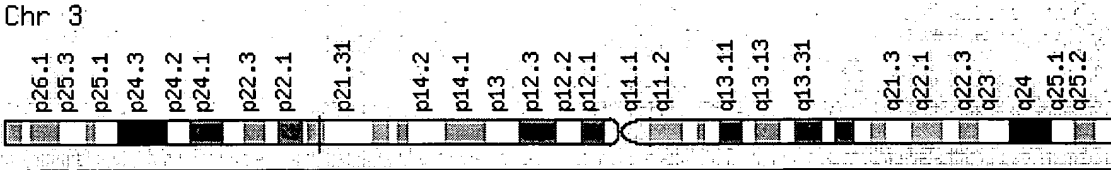


GeneCard for gene **CXCR6**

GC03P045225

Approved [UCL/HGNC/HUGO Human Gene Nomenclature database](#) symbol

CXCR6 (chemokine (C-X-C motif) receptor 6)

Aliases and Additional Descriptions (According to GDB, HUGO, LocusLink, SWISS-PROT, and/or GeneLoc)	<ul style="list-style-type: none"> • BONZO • STRL33 • TYMSTR • G protein-coupled receptor • chemokine (C-X-C motif) receptor 6 • C-X-C chemokine receptor type 6 (CXC-R6) (CXCR-6) (G protein-coupled receptor b nzo
Chromosomal Location (According to GeneLoc and/or HUGO, and/or LocusLink(NCBI build 31), Genomic Views According to UCSC and Ensembl)	<p>Chromosome: 3 GeneLoc gene densities</p> <p>LocusLink cytogenetic band: 3p21 Ensembl cytogenetic band: 3p21.32</p> <p>Gene in genomic location: bands according to Ensembl, locations according to GeneLoc (and/or</p>  <p>GeneLoc location for GC03P045225: (about GC identifiers)</p> <p>Start: 45,163,844 bp from pter</p> <p>End: 45,168,716 bp from pter</p> <p>Size: 4,872 bases</p> <p>Orientation: plus strand</p> <p>Genomic View:</p> <p>UCSC Golden Path</p> <p>UCSC Golden Path with GeneCards custom track</p>
Proteins (According to SWISS-PROT and/or MIPS)	<p>CCR6_HUMAN</p> <ul style="list-style-type: none"> • Size: 342 amino acids; 39280 Da • Function: RECEPTOR FOR THE C-X-C CHEMOKINE CXCL16. USED AS A CORECEPTOR FOR HIV-2 AND M-TROPIC HIV-1. • Subcellular location: Integral membrane protein. • Similarity: BELONGS TO FAMILY 1 OF G-PROTEIN COUPLED RECEPTORS. <p>MIPS Pedant Viewer: 9129</p> <p>REFSEQ proteins: NP_006555.1</p>
	<p>InterPro Domains and Families:</p> <p>IPR000276: GPCR_Rhodpsn</p>

GeneCard for gene **CXCL16**

GC17M004982

Approved [UCL/HGNC/HUGO Human Gene Nomenclature database](#) s:

CXCL16 (chemokine (C-X-C motif) ligand 16)

Aliases and Additional Descriptions

(According to GDB,
HUGO, LocusLink,
SWISS-PROT, and/or
[GeneLoc](#))

- CXCLG16
- SCYB16
- SR-PSOX
- SRPSOX
- CXC chemokine ligand 16
- chemokine (C-X-C motif) ligand 16
- Small inducible cytokine B16 (Transmembrane chemokine CXCL16) (SR- PSOX) (Scavenger low density lipoprotein).

Previous GC identifier: GC17M005063

Chromosomal Location

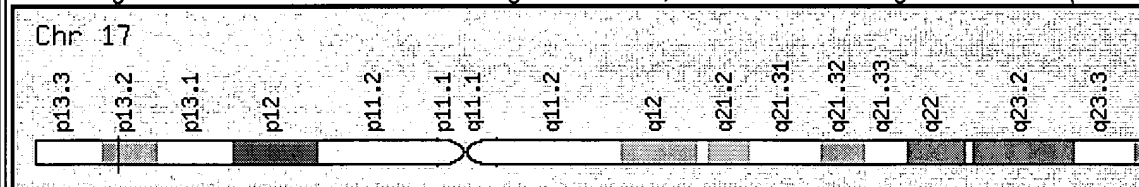
(According to GeneLoc
and/or HUGO, and/or
LocusLink(NCBI build
31),

Genomic Views
According to [UCSC](#)
and [Ensembl](#))

Chromosome: 17 [GeneLoc gene densities](#)

LocusLink cytogenetic band: 17p13 **Ensembl cytogenetic band: 17p13.2**

Gene in genomic location: bands according to Ensembl, locations according to GeneLoc (and/or



GeneLoc location for GC17M004982: (about GC identifiers)

Start: 4,982,306 bp from pter

End: 4,988,689 bp from pter

Size: 6,383 bases

Orientation: minus strand

Genomic View:

[UCSC Golden Path](#)

[UCSC Golden Path with GeneCards custom track](#)

Proteins

(According to [SWISS-PROT](#) and/or [MIPS](#))

SZ16_HUMAN

- **Size:** 273 amino acids; 29546 Da
- **Function:** Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.
- **Subcellular location:** Type II membrane protein (Potential). Also exist as a soluble form.
- **Ptm:** Glycosylated.
- **Similarity:** BELONGS TO THE INTERCRINE ALPHA FAMILY (SMALL CYTOKINE C-X-C)

REFSEQ proteins: [NP_071342.1](#)

InterPro Domains and Families: